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Lys Ala Leu Lys Lys Ala Leu
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Glu Ala Lys Ala Leu Gly
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Ala Lys Leu Ala Leu Ala Leu
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Glu Ala Lys Ala Leu Gly
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Ala Lys Leu Ala Leu Ala Leu
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<210> 10
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Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Shapiro-Wilk	Normality
Age	38.5	10.5	25	55	-0.1	3.2	0.98	0.99
Gender	1.5	0.5	1	2	0.0	3.0	0.99	0.99
Marital Status	1.5	0.5	1	2	0.0	3.0	0.99	0.99
Education	12.5	1.5	10	15	-0.2	3.5	0.97	0.98
Income	3.5	1.5	1	6	-0.5	4.0	0.95	0.97
Occupation	1.5	0.5	1	2	0.0	3.0	0.99	0.99
Health Status	1.5	0.5	1	2	0.0	3.0	0.99	0.99
Stress Level	3.5	1.5	1	6	-0.5	4.0	0.95	0.97
Life Satisfaction	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Resilience	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Emotional Stability	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Physical Health	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Mental Health	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Social Support	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Life Events	3.5	1.5	1	6	-0.5	4.0	0.95	0.97
Life Satisfaction	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Resilience	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Emotional Stability	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Physical Health	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Mental Health	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Social Support	4.5	1.5	1	7	-0.5	4.0	0.95	0.97
Life Events	3.5	1.5	1	6	-0.5	4.0	0.95	0.97

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Lys Ala Leu

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Phe Ala Leu Ala Leu Lys Ala Leu Lys Lys Leu Lys Lys Ala Leu Lys
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Lys Ala Leu

<210> 14
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Leu Ala Leu

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 1 5 10 15

Lys Ala Leu Lys Lys Ala Leu
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1 5 10 15
Leu

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1 5 10 15
Leu Ala Leu

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Lys Ala Leu Lys Lys Ala Leu
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1 5 10 15

Leu Ala Lys

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Gly Ile Gly Lys Phe Leu Lys Lys Ala Lys Lys Phe Gly Lys Ala Phe
1 5 10 15

Val Lys Ile Leu Lys Lys
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Phe Ala Lys Leu Leu Ala Lys Leu Ala Lys Lys Leu Leu
1 5 10

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Phe Ala Lys Lys Leu Ala Lys Leu Ala Leu Lys Leu Ala Lys Leu
1 5 10 15

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1 5 10 15

Leu

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Lys Trp Lys Leu Phe Lys Lys Ile Gly Ala Val Leu Lys Val Leu
1 5 10 15

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1 5 10

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1 5 10

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1 5 10

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<400> 41
Phe Ala Lys Lys Leu Ala Lys Leu Ala Lys Lys Leu Ala Lys Leu Ala
1 5 10 15

Leu

<210> 42
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Ile Leu Pro Trp Lys Trp Pro Trp Trp Pro Trp Arg Arg
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Owen Application

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Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Lys Trp Lys Leu
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<210> 47

<211> 18

<212> PRT

<213> SYNTHETIC

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1 5 10 15

Ala Lys

<210> 48

<211> 22

<212> PRT

<213> SYNTHETIC

<400> 48

Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Lys Trp Lys Leu
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<210> 49

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1 5 10 15

Lys Lys Leu Ala Lys Lys Leu
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1 5 10

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1 5 10

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<210> 55
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Lys Thr Lys Leu Phe Lys Lys Phe Ala Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Lys Lys Leu Ala Lys Lys Leu
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<210> 56
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1 5 10 15

Lys Lys Leu Ala Lys Lys Leu
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<210> 57
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Ile Leu Pro Trp Lys Trp Pro Trp Trp Pro Trp Arg Arg
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<222> (13)
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1 5 10

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1 5 10 15
Ile Gly Ala Val Leu Lys Val
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[illegible]

Lys Val Leu Thr Thr Gly Leu
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1 5 10

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<220>
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Met  Pro  Lys  Glu  Lys  Val  Phe  Leu  Lys  Ile  Glu  Lys  Met  Gly  Arg  Asn
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Ile Arg Asn

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Gly Ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Leu Pro Ala Leu
1 5 10 15

Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln
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<210> 73
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 1 5 10 15

<210> 74
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<400> 74
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 1 5 10

<210> 76
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Phe Ala Lys Leu Leu Ala Lys Ala Leu Lys Lys Phe Leu
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1 5 10

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Phe Ala Lys Leu Leu Ala Lys Leu Ala Lys Lys Phe Ala Leu
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Phe Ala Lys Leu Phe Ala Lys Leu Ala Lys Lys Phe Ala Leu
1 5 10

<210> 84
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<213> SYNTHETIC

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<400> 84

Phe Lys Leu Ala Phe Lys Leu Ala Lys Lys Ala Phe Leu
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<210> 85

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<400> 86

Phe Ala Lys Leu Leu Ala Lys Leu Ala Lys Lys Val Leu
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<400> 89
 Phe Ala Lys Leu Leu Ala Lys Leu Ala Lys Lys Ser Leu
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 Phe Ala Lys Leu Ala
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 HOU03-711794.2

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<400> 94
 Phe Gly Lys Gly Ile Gly Lys Val Gly Lys Lys Leu Leu
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<400> 95

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Phe Ala Lys Ala Ile Ala Lys Ile Ala Phe Gly Lys Gly Ile Gly Lys
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Val Gly Lys Lys Leu Leu
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<400> 98

Phe Ala Lys Leu Trp Ala Lys Leu Ala Lys Lys Leu
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Phe Ala Lys Ile Ile Ala Lys Ile Ala Lys Ile Ala Lys Lys Ile Leu
1 5 10 15

<210> 102
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<220>
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<400> 102
Phe Ala Phe Ala Lys Ile Ile Ala Lys Ile Ala Lys Lys Ile Ile
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15

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<400> 104
Lys Trp Lys Leu Ala Lys Lys Ala Leu Ala Leu Leu
1 5 10

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<220>
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<400> 105
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<210> 106
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<220>
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<223> AMIDATION

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<400> 106
Phe Ala Leu Ala Leu Lys Ala Leu Lys Lys Ala Leu
1 5 10

<210> 107
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<212> PRT
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Lys Tyr Lys Lys Ala Leu Lys Lys Leu Ala Lys Leu Leu
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<400> 109
Phe Lys Arg Leu Ala Lys Ile Lys Val Leu Arg Leu Ala Lys Ile Lys
1 5 10 15

Arg

<210> 110
<211> 13
<212> PRT

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<221> MOD RES
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<223> AMIDATION

Phe Ala Lys Leu Ala Lys Lys Ala Leu Ala Lys Leu Leu
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<211> 13

<213> SYNTHETIC

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<223> AMIDATION

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<223> AMIDATION

Lys Ala Lys Leu Ala Lys Lys Ala Leu Ala Lys Leu Leu
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<211> 17

<213> SYNTHETIC

<221> MOD RES

<223> AMIDATION

Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Lys Leu

1 5 10 15

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<212> PRT

<220>

<221> MOD RES

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<222> (11)
<223> AMIDATION

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Phe Ala Lys Leu Leu Ala Lys Leu Ala Lys Lys
1 5 10

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<220>
<221> MOD_RES
<222> (13)
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Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Normality
Age	35.2	12.5	18	65	0.15	3.2	0.98
Gender	1.2	0.4	1	2	0.05	3.0	0.99
Education	12.5	2.1	9	16	0.25	3.5	0.97
Income	2500	1500	500	6000	0.35	3.8	0.96
Marital Status	1.5	0.5	1	2	0.10	3.1	0.98
Occupation	1.8	0.6	1	3	0.20	3.4	0.97
Health Status	1.2	0.4	1	2	0.05	3.0	0.99
Stress Level	3.5	1.2	1	5	0.45	4.2	0.95
Life Satisfaction	4.2	1.0	1	5	0.30	3.9	0.96
Resilience	3.8	1.1	1	5	0.40	4.1	0.95
Optimism	4.0	1.0	1	5	0.35	4.0	0.96
Emotional Stability	3.6	1.1	1	5	0.42	4.1	0.95
Self-Esteem	3.9	1.0	1	5	0.38	4.0	0.95
Life Purpose	3.7	1.1	1	5	0.41	4.1	0.95
Gratitude	4.1	1.0	1	5	0.32	3.9	0.96
Forgiveness	3.9	1.1	1	5	0.39	4.0	0.95
Empathy	4.0	1.0	1	5	0.34	3.9	0.96
Compassion	3.8	1.1	1	5	0.43	4.1	0.95
Kindness	3.7	1.1	1	5	0.44	4.1	0.95
Patience	3.6	1.1	1	5	0.46	4.1	0.95
Humility	3.5	1.1	1	5	0.48	4.1	0.95
Modesty	3.4	1.1	1	5	0.50	4.1	0.95
Generosity	3.3	1.1	1	5	0.52	4.1	0.95
Generous	3.2	1.1	1	5	0.54	4.1	0.95
Altruism	3.1	1.1	1	5	0.56	4.1	0.95
Selfishness	3.0	1.1	1	5	0.58	4.1	0.95
Envy	2.9	1.1	1	5	0.60	4.1	0.95
Jealousy	2.8	1.1	1	5	0.62	4.1	0.95
Anger	2.7	1.1	1	5	0.64	4.1	0.95
Dislike	2.6	1.1	1	5	0.66	4.1	0.95
Dislike	2.5	1.1	1	5	0.68	4.1	0.95
Dislike	2.4	1.1	1	5	0.70	4.1	0.95
Dislike	2.3	1.1	1	5	0.72	4.1	0.95
Dislike	2.2	1.1	1	5	0.74	4.1	0.95
Dislike	2.1	1.1	1	5	0.76	4.1	0.95
Dislike	2.0	1.1	1	5	0.78	4.1	0.95
Dislike	1.9	1.1	1	5	0.80	4.1	0.95
Dislike	1.8	1.1	1	5	0.82	4.1	0.95
Dislike	1.7	1.1	1	5	0.84	4.1	0.95
Dislike	1.6	1.1	1	5	0.86	4.1	0.95
Dislike	1.5	1.1	1	5	0.88	4.1	0.95
Dislike	1.4	1.1	1	5	0.90	4.1	0.95
Dislike	1.3	1.1	1	5	0.92	4.1	0.95
Dislike	1.2	1.1	1	5	0.94	4.1	0.95
Dislike	1.1	1.1	1	5	0.96	4.1	0.95
Dislike	1.0	1.1	1	5	0.98	4.1	0.95
Dislike	0.9	1.1	1	5	1.00	4.1	0.95
Dislike	0.8	1.1	1	5	1.02	4.1	0.95
Dislike	0.7	1.1	1	5	1.04	4.1	0.95
Dislike	0.6	1.1	1	5	1.06	4.1	0.95
Dislike	0.5	1.1	1	5	1.08	4.1	0.95
Dislike	0.4	1.1	1	5	1.10	4.1	0.95
Dislike	0.3	1.1	1	5			

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Variable	Mean	Standard Deviation	Minimum	Maximum
Age	34.5	10.2	22	55
Gender	0.5	0.5	0	1
Marital Status	0.6	0.5	0	1
Education	12.5	1.5	10	15
Income	3500	1500	1000	7000
Health	0.8	0.2	0	1
Stress	4.5	1.5	1	7
Depression	0.3	0.4	0	1
Life Satisfaction	5.5	1.5	1	9
Work-Life Balance	6.5	1.5	1	9
Job Satisfaction	7.5	1.5	1	9
Organizational Commitment	8.5	1.5	1	9
Turnover Intent	0.2	0.4	0	1
Engagement	7.5	1.5	1	9
Productivity	8.5	1.5	1	9
Teamwork	8.5	1.5	1	9
Communication	8.5	1.5	1	9
Conflict Resolution	8.5	1.5	1	9
Leadership	8.5	1.5	1	9
Decision Making	8.5	1.5	1	9
Problem Solving	8.5	1.5	1	9
Time Management	8.5	1.5	1	9
Stress Management	8.5	1.5	1	9
Emotional Regulation	8.5	1.5	1	9
Self-Efficacy	8.5	1.5	1	9
Resilience	8.5	1.5	1	9
Optimism	8.5	1.5	1	9
Gratitude	8.5	1.5	1	9
Forgiveness	8.5	1.5	1	9
Empathy	8.5	1.5	1	9
Active Listening	8.5	1.5	1	9
Non-Verbal Communication	8.5	1.5	1	9
Verbal Communication	8.5	1.5	1	9
Written Communication	8.5	1.5	1	9
Visual Communication	8.5	1.5	1	9
Interpersonal Skills	8.5	1.5	1	9
Teamwork Skills	8.5	1.5	1	9
Leadership Skills	8.5	1.5	1	9
Decision Making Skills	8.5	1.5	1	9
Problem Solving Skills	8.5	1.5	1	9
Time Management Skills	8.5	1.5	1	9
Stress Management Skills	8.5	1.5	1	9
Emotional Regulation Skills	8.5	1.5	1	9
Self-Efficacy Skills	8.5	1.5	1	9
Resilience Skills	8.5	1.5	1	9
Optimism Skills	8.5	1.5	1	9
Gratitude Skills	8.5	1.5	1	9
Forgiveness Skills	8.5	1.5	1	9
Empathy Skills	8.5	1.5	1	9
Active Listening Skills	8.5	1.5	1	9
Non-Verbal Communication Skills	8.5	1.5	1	9
Verbal Communication Skills	8.5	1.5	1	9
Written Communication Skills	8.5	1.5	1	9
Visual Communication Skills	8.5	1.5	1	9
Interpersonal Skills	8.5	1.5	1	9
Teamwork Skills	8.5	1.5	1	9
Leadership Skills	8.5	1.5	1	9
Decision Making Skills	8.5	1.5	1	9
Problem Solving Skills	8.5	1.5	1	9
Time Management Skills	8.5	1.5	1	9
Stress Management Skills	8.5	1.5	1	9
Emotional Regulation Skills	8.5	1.5	1	9
Self-Efficacy Skills	8.5	1.5	1	9
Resilience Skills	8.5	1.5	1	9
Optimism Skills	8.5	1.5	1	9
Gratitude Skills	8.5	1.5	1	9
Forgiveness Skills	8.5	1.5	1	9
Empathy Skills	8.5	1.5	1	9
Active Listening Skills	8.5	1.5	1	9
Non-Verbal Communication Skills	8.5	1.5	1	9
Verbal Communication Skills	8.5	1.5	1	9
Written Communication Skills	8.5	1.5	1	9
Visual Communication Skills	8.5	1.5	1	9
Interpersonal Skills	8.5	1.5	1	9
Teamwork Skills	8.5	1.5	1	9
Leadership Skills	8.5	1.5	1	9
Decision Making Skills	8.5	1.5	1	9
Problem Solving Skills	8.5	1.5	1	9
Time Management Skills	8.5	1.5	1	9
Stress Management Skills	8.5	1.5	1	9
Emotional Regulation Skills	8.5	1.5	1	9
Self-Efficacy Skills	8.5	1.5	1	9
Resilience Skills	8.5	1.5	1	9
Optimism Skills	8.5	1.5	1	

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<400> 122
Lys Trp Lys Lys Leu Ala Lys Lys Trp
1 5

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<400> 123
Lys Trp Lys Lys Leu Ala Lys Lys Trp
1 5

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Lys Leu Trp Lys Lys Trp Ala Lys Lys Trp Leu Lys Leu Trp Lys Ala
1 5 10 15

Trp

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<210> 125
<211> 16
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<400> 125

Lys Leu Trp Lys Lys Trp Ala Lys Lys Trp Leu Lys Leu Trp Lys Ala
1 5 10 15

<210> 126

<211> 11

<212> PRT

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<400> 126

Phe Ala Leu Ala Leu Lys Ala Leu Lys Lys Leu
1 5 10

<210> 127

<211> 11

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<400> 127

Phe Ala Leu Ala Lys Ala Leu Lys Lys Ala Leu
1 5 10

<210> 128

<211> 12

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<400> 128

Phe Ala Leu Ala Leu Lys Leu Ala Lys Lys Ala Leu
1 5 10

<210> 129

<211> 6

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Phe Ala Leu Leu Lys Leu
1 5

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Phe Ala Leu Ala Leu Lys Ala Leu Lys Lys
1 5 10

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Phe Ala Leu Lys Ala Leu Lys Lys Ala Leu
1 5 10

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<400> 132
Phe Ala Leu Leu Lys Ala Leu Lys Lys Ala Leu
1 5 10

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<400> 133

Lys Trp Lys Lys

1

<210> 134

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<400> 134

Lys Trp Lys Lys Leu

1

5

<210> 135

<211> 9

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<400> 135

Lys Phe Lys Lys Leu Ala Lys Lys Phe

1

5

<210> 136

<211> 9

<212> PRT

<213> SYNTHETIC

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<400> 136

Lys Phe Lys Lys Leu Ala Lys Lys Trp

1

5

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<211> 11
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<400> 137
Phe Ala Leu Ala Leu Lys Ala Leu Lys Lys Ala
1 5 10

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<400> 138
Phe Ala Leu Leu Lys Ala Leu Leu Lys Lys Ala Leu
1 5 10

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<400> 139
Phe Ala Leu Ala Leu Lys Leu Ala Lys Lys Leu
1 5 10

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<223> AMIDATION

<400> 140
Leu Lys Lys Leu Ala Lys Leu Ala Leu Ala Phe
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Parameter	Value	Unit
Age	15.0	yr
Weight	70.0	kg
Height	1.75	m
Body mass index	22.2	kg/m ²
Heart rate	75	beats/min
Stroke volume	70	ml
Cardiac output	5.25	l/min
Mean arterial pressure	93	mmHg
Systemic vascular resistance	18.0	dynes/cm ⁵
Pulmonary vascular resistance	1.0	dynes/cm ⁵
Left ventricular end-diastolic volume	120	ml
Left ventricular stroke volume	70	ml
Left ventricular ejection fraction	58	%
Right ventricular end-diastolic volume	120	ml
Right ventricular stroke volume	70	ml
Right ventricular ejection fraction	58	%
Left atrial end-diastolic volume	120	ml
Left atrial stroke volume	70	ml
Left atrial ejection fraction	58	%
Right atrial end-diastolic volume	120	ml
Right atrial stroke volume	70	ml
Right atrial ejection fraction	58	%
Left ventricular pressure	120	mmHg
Right ventricular pressure	25	mmHg
Left atrial pressure	12	mmHg
Right atrial pressure	5	mmHg
Left ventricular pressure gradient	10	mmHg
Right ventricular pressure gradient	5	mmHg
Left atrial pressure gradient	5	mmHg
Right atrial pressure gradient	2	mmHg
Left ventricular pressure gradient	10	mmHg
Right ventricular pressure gradient	5	mmHg
Left atrial pressure gradient	5	mmHg
Right atrial pressure gradient	2	mmHg

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Val Ala Leu Ala Leu Lys Ala Leu Lys Lys Leu
      1             5             10
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<210> 142
<211> 10
<212> PRT
<213> SYNTHETIC
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<400> 142
Phe Ala Leu Ala Leu Lys Leu Lys Lys Leu
  1             5             10
```

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<210> 143
<211> 10
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Phe Ala Leu Ala Leu Lys Ala Lys Lys Leu
  1             5             10
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<400> 144
Phe Ala Leu Ala
1

<210> 145
<211> 5
<212> PRT
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<220>
<221> MOD_RES
<222> (5)
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<400> 145
Trp Ala Leu Ala Leu
1 5

<210> 146
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<400> 146
Gly Ile Gly Lys Phe Leu His Ala Ala Lys Lys Phe Ala Lys Ala Phe
1 5 10 15

Val Ala Glu Ile Met Asn Ser
20

<210> 147
<211> 23
<212> PRT
<213> SYNTHETIC

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<221> MOD_RES
<222> (23)
<223> AMIDATION

<400> 147
Phe Ala Lys Lys Phe Ala Lys Lys Phe Lys Lys Phe Ala Lys Lys Phe
1 5 10 15

Ala Lys Phe Ala Phe Ala Phe
20

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

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<222> (23)
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<400> 151
Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Leu Ala Lys Lys Leu
20

<210> 152
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<400> 152
Val Ala Lys Ala Leu Lys Ala Leu Leu Lys Ala Leu Lys Ala Leu
1 5 10 15

<210> 153
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<400> 153
Val Ala Lys Phe Leu Ala Lys Phe Leu Lys Lys Ala Leu
1 5 10

<210> 154
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<400> 154
Val Ala Lys Lys Phe Ala Lys Lys Phe Lys Lys Phe Ala Lys Lys Phe
1 5 10 15

Ala Lys Phe Ala Phe Ala Phe
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 Val Ala Lys Lys Leu Ala Lys Leu Ala Lys Lys Leu Ala Lys Leu Ala
 1 5 10 15

Leu Ala Leu

<210> 156
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<400> 156
 Val Ala Lys Lys Leu Ala Lys Leu Ala Lys Lys Leu Leu Ala Leu
 1 5 10 15

<210> 157
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<400> 157
 Val Ala Lys Leu Leu Ala Lys Ala Leu Lys Lys Leu Leu
 1 5 10

<210> 158
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<400> 158

Val Ala Leu Ala Leu Lys Ala Leu Lys Lys Ala Leu Lys Lys Leu Lys
1 5 10 15

Lys Ala Leu Lys Lys Ala Leu
20

<210> 159

<211> 23

<212> PRT

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<400> 159

Val Ala Leu Ala Leu Lys Ala Leu Lys Lys Ala Leu Lys Lys Leu Lys
1 5 10 15

Lys Ala Leu Lys Lys Ala Leu
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<210> 160

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<400> 160

Val Ala Leu Ala Leu Lys Ala Leu Lys Lys Leu Ala Lys Lys Leu Lys
1 5 10 15

Lys Leu Ala Lys Lys Ala Leu
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<210> 161

<211> 23

<212> PRT

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<400> 161

Val Ala Leu Ala Leu Lys Ala Leu Lys Lys Leu Leu Lys Lys Leu Lys
1 5 10 15

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Lys Leu Ala Lys Lys Ala Leu
20

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<400> 162
Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Leu Ala Leu Ala Leu
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<210> 163
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<400> 163
Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Leu Ala Leu Ala Leu Lys Ala Leu Ala Leu Lys Ala
20 25 30

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<400> 164
Phe Ala Lys Lys Leu Ala Lys Lys Leu Lys Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys

<210> 165
<211> 13
<212> PRT
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HOU03:711794.2

Phe Ala Lys Leu Leu Ala Leu Ala Leu Lys Lys Ala Leu
1 5 10

Phe Ala Lys Leu Leu Ala Leu Ala Leu Lys Lys Ala Leu
1 5 10

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